FROM: PERKINS/SHEEHAN PHONE NO.: 510 252 0730 Jun. 11 2004 09:15AM P2

Advocates for Wild, Healthy Oceans

Pacific Regional Office 116 New Montgomery Street Suite 810 San Francisco, CA 94105 415,979,0900 Telephono 415,979,0901 Facsimile www.oceanconservancy.org Formerly the Center for Marine Conservation

Conservancy

The Ocean

June 10, 2004

Mr. Paul Morabito Chair, California Coastal Conservancy 1330 Broadway Oakland, CA 94612-2530

Via Facsimile: (510) 286-3840

Re: Coastal Ocean Currents Monitoring Program: Support

Dear Mr. Morabito:

I am writing in support of the proposed State Coastal Conservancy funding of the Coastal Ocean Currents Monitoring Program (COCMP). Ocean observing system development is a high priority for the National Oceanic and Atmospheric Administration and for groups such as The Ocean Conservancy that rely on good science for sound decisionmaking. The relevance of ocean observing as a critical tool in managing marine resources has recently been described in the U.S. Commission on Ocean Policy Report and Governor Schwarzenegger's June 3, 2004 response letter to the Commission on the Report. The COCMP figured prominently in the Governor's letter and action plan for follow-up on the Report's recommendations.

COCMP will form the basis for the state's ocean observing system, which will integrate the efforts of marine resource agencies such as the National Marine Sanctuaries with university researchers, private industry and the public to use our ocean and coast sustainably. Ocean observing systems such as COCMP will help guide the recovery of marine and anadromous fisheries while assisting other areas of concern such as pollution and oil spill detection and response, sediment management, and search and rescue - all issues of joint responsibility between the state and federal government. Moreover, COCMP will position California well to be able to obtain millions in federal funding for ocean observing that is widely expected to result from the recommendations of the Commission's Report.

I urge your support for this key proposal. Please do not hesitate to contact me if you have any questions.

Sincerely

Linda Sheehan

Director, Pacific Region Office

Vice-Chair, U.S. Global Ocean Observing System Steering Committee

The Ocean Conservancy strives to be the world's foremost advocate for the oceans. Through science-based advocacy, research, and public education, we inform, inspire and empower people to speak and act for the oceans.

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LJ Office of the President 215 Spruce Street Half Moon Bay, CA 94019 Tel: (650) 726-1607 Fax: (650) 726-1607

June 10, 2004

☐ Northwest Office P.O. Box 11170 Eugene, OR 97440-3370 Tel: (541) 689-2000 Fax: (541) 689-2500

Mr. Paul Morabito Board Chair, California Coastal Conservancy Oakland, CA 94612

Re: Coastal Ocean Currents Monitoring Program Support Letter

Dear Mr. Morabito:

I am writing in support of the proposed State Coastal Conservancy funding of the Coastal Ocean Currents Monitoring Program (COCMP). The Pacific Coast Federation of Fisherman's Associations is supportive of ocean observing system development. Pietro Parravano, PCFFA past president and PEW Ocean Commissioner, provided testimony at the recent California Ocean Summit in support of ocean observing systems.

On a national level I have been involved in developing negotiations for a national trust fund to support partial sustained funding of ocean observing systems such as COCMP. Our staff is assisting the Conservancy in developing useful products that will be necessary for "end-user" participation so that real and meaningful applications flow from COCMP. In this context we see COCMP as being unique as a tool providing useful information for fisheries recovery and management where the fishing industry is an active participant in developing and using resource information.

California is posed to become the leader in ocean observing and COCMP funding is the first step in creating a state-wide coastal ocean monitoring program. Please do not he sitate to contact me if I can be of further assistance.

W.F. "Zeke" Grader, Jr.

Executive Director

STEWARDS OF THE FISHERIES

State Of California

State Water Resources Control Board

Besolution Of Typiont

Funding An Integrated Lopstal Ocean

Observation System In Southern California

Whereas, by passing Proposition 40, California voters recently agreed to make a significant investment in the infrastructure to improve water quality;

Whereas, new developments in technology can now provide water quality managers with a solid scientific basis for evaluating the effectiveness of present management strategies and designing new approaches;

Whereas, Assembly Bill 2534, the Watershed, Clean Beaches, and Water Quality Act, directs the State Coastal Conservancy to appropriate \$1 million of Proposition 40 funding toward the deployment of this new technology through the purchase and installation of equipment to manitor and map coastal currents to predict and determine areas of contamination and pollutant transport in coastal waters;

Whereas, an ocean observation system based on this new sensor technology, will provide real-time, centinuous measurements as well as a state-of-the-art data management and delivery system not previously available to the water quality community;

Whereas, this system will serve as a risk management and early warning tool, as well as a platform for the development of next generation sensors and scientific discovery;

Whereas, strategically targeting these state funds on the Southern California region will put California in the forefront of a national effort to develop a network of regionally based ocean observation systems;

Whereas, by demonstrating an organized initiative and early investment in an ocean observation system, Southern California will be eligible for up to \$20 million in federal funding;

Whereas, Federal agencies recognize Southern California as an essential earlie partner due to significant economic and public health needs of the region, the demonstrated organized user base, intergovernmental collaboration, and foundation of expertise to support an Integrated Coastal Ocean Observing Tyslem:

Whereas, the State Water Resources Control Board selected Southern California to deploy an ocean observation system pilot project in Imperial Beach, funding last year through the Governors Clean Beach Initiative;

Whereas, the California Environmental Protection Agency recognizes the extension of this pilot project throughout the Southern California Bight to be the logical and appropriate extension of the Governors Clean Beach Initiative;

Whereas, the State of California, Cal EPA, and the State Water Board recently recognized Scripps Institution of Oceanography for its successful leadership in integrating and deploying the latest technology as well as building the collaborative partnerships for this user based ocean observation system in Imperial Beach;

Whereas, Scripps Institution of Oceanography is uniquely qualified to lead the effort in deploying an integrated coastal ocean observation system and building the collaborative network to support a Southern California Bightwide initiative, based on a century of proven leadership in building successful public partnerships, developing technological immovation and expertise, and world rencon scientific experience;

Therefore Be It Resolved that we, the undersigned, urge the State Coastal Conservancy to appropriate \$7 million toward a Scripps Institution of Oceanography-led effort to develop an integrated ocean observing system in the Southern California Bight.

Peter S. Sava, Vice Chair

Richard Ketz, Board Member



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service
Southwest Fisheries Science Center
Santa Cruz Laboratory
110 Shaffer Road
Santa Cruz, California 95060

April 22, 2004

Dr. Toby Garfield, Visiting Faculty Moss Landing Marine Laboratories 8272 Moss Landing Road Moss Landing, CA 95039

Dear Dr. Garfield:

This letter is to offer my enthusiastic support for the two complementary proposals being submitted by a northern and central California consortium and a southern California group to the California Coastal Conservancy to install high frequency (HF) radar towers to measure and provide real-time information on surface currents along the California coast. Below I lay out the reasons that the data and information products would strongly support the research mission of my organization.

The National Marine Fisheries Service (NMFS), a division of the National Oceanic and Atmospheric Administration (NOAA), is responsible for the conservation and management of fishery and protected resources within the U.S. federal waters. The Santa Cruz Laboratory is one of three facilities that comprise the Southwest Fishery Science Center, and conduct research in support of the agency mission in California.

The research program of the Santa Cruz Laboratory is focused in two primary areas: 1) biological and economics research supporting the restoration and recovery of threatened and endangered salmonids in California, e.g., distribution and abundance, population dynamics, genetics, ocean and estuarine ecology of juveniles, and ocean habitat utilization by adults; 2) the biological basis of rational management of west coast groundfish resources, e.g., population dynamics and stock assessment, early life history and recruitment processes, habitat ecology and marine protected areas (MPAs).

The installation of high frequency (HF) radar towers to measure and provide real-time information on surface currents along the California coast could provide information that is potentially extremely valuable to several components of both program areas. An important objective of both programs is to understand the effect of variation in the ocean environment on the demographic processes and rates that determine population productivity, and incorporate this knowledge into modeling to understand the effects of different levels and strategies of fishing, project future yields and assess extinction risk For example, research on the ocean ecology of juvenile salmon seeks to understand how coastal oceanography influences distribution, abundance, feeding, growth, survival and migration of out migrant juvenile chinook salmon from the Central Valley of California. Research



April 22, 2004 Dr. Toby Garfield, Visiting Faculty Page 2

on early life history and recruitment processes of west coast groundfish aims to understand how the ocean environment of California may regulate survival and recruitment of young life stages to adult stocks and the fisheries. Detailed information on coastal circulation from high-frequency radar towers would clearly complement our efforts, and potentially lead to improved understanding of recruitment dynamics and prediction of the strength of incoming year classes to valuable fisheries. An important aspect of MPA research where detailed knowledge of coastal ocean circulation is essential is determining ideal reserve siting and size, both of which require knowledge of source-sink dynamics of larvae and settlers as well as dispersal distance.

I think you can understand why I am enthusiastic in my support of the proposed program, and I hope my comments are useful.

Sincerely,

Churchill B. Grimes, Ph.D.

Director

NMFS Santa Cruz Laboratory

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SENATOR
DENISE MORENO DUCHENY
FORTIETH SENATE DISTRICT



April 17, 2003

Paul Morabito Chair, State Coastal Conservancy 13330 Broadway, 11th Floor Oakland, CA 94612

Attn: Sam Schuchat

Re: Prop 40 funding / Southern California Coastal Ocean Observation System

As you are aware the State Coastal Conservancy currently has \$7 million to allocate toward ocean monitoring equipment. I urge the State Coastal Conservancy to take a strategic approach to allocating these funds in order to position the state to be on the forefront on a national effort to develop a network of Ocean Observing Systems. A significant regional investment and timely allocation are critical.

In the coming weeks the establishment of an Integrated Ocean Observing System will become a national priority as Congress responds to the recommendations of the Pew Ocean Commission and the Presidential Commission on Ocean Policy. The central theme for each commission will be an aggressive policy agenda for management of our oceans and coastal waters. The development of a national network of Integrated Coastal Ocean Observation Systems will be one of the core recommendations highlighted in each report. Legislation to support the development of a national network will require federal funding be directed towards regions that have deployed systems that have proved to be operational.

Systems that can strongly demonstrate multi-institutional collaboration, a wide range of political support and the technical capability to integrate end users, are strong candidates for an early investment of up to \$50 million in federal support.

Scripps Institution of Oceanography (SIO) has been leading an effort to organize the Southern California region to take advantage of this opportunity and move California to the forefront of a growing national priority. They have recently organized NINE other

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academic institutions to join the SCCOOS partnership by signing an MOU formally recognizing this regional partnership. This Southern California partnership has the potential to integrate, and make more accessible, tens of millions of dollars of coastal research currently being done in Southern California.

Last fall a legislative workshop held at SIO which discussed the need to bring an Integrated Coastal Ocean Observation System to Southern California. This workshop brought together 62 participants representing elected officials, academics, agency representatives, and NGO's in support of deploying a SCCOOS – ASAP! Over twenty agencies and organizations have now adopted official resolutions of support urging the State Coastal Conservancy to allocate the \$7 million toward the instrumentation of the Southern California Bight. Representatives of NOAA have stated that this unprecedented level of coordination and support for an ocean observation system serves as a model for our nation.

Southern California has not only demonstrated the ability to pull together collaborative partners, it has also demonstrated a capability to deliver. A state-funded pilot project for an integrated ocean observation system in Imperial Beach has been recognized by state, federal, regional and local agencies as a model for deploying an end-user driven Ocean Observation System. This Clean Beach Initiative funded program is a partnership with the City of Imperial Beach, the City of Coronado, the Regional Board, the County of San Diego and Scripps Institution of Oceanography.

March 31 Federal agencies will hold a national meeting to roll out their process for selecting regional pilot projects to become part of a national network. The funding process is designed to spur regional collaboration and local investment by offering significant financial incentives for regions that meet the national criteria.

With many regions competing for these federal funds, it is essential that California spend the \$7 million strategically to enhance California's competitive advantage. There is an unprecedented opportunity for California to use this one-time allocation of Prop 40 funds to leverage significant, long-term federal resources. I hope the SCC will show its leadership in directing \$7 million in Prop 40 funding to support the SCCOOS sooner rather than later.

Sincerely,

Denise Moreno Ducheny Senator, 40th District

Denise Moreno Duchery

Page 7 of 9



MONTEREY BAY AQUARIUM RESEARCH INSTITUTE

April 21, 2004

Dr. Toby Garfield Visiting Faculty Moss Landing Marine Laboratories 8272 Moss Landing Road Moss Landing, CA 95039

Dear Toby:

On behalf of the Monterey Bay Crescent Ocean Research Consortium (MBCORC), I write in enthusiastic support of the CeNCOOS proposal to the Coastal Ocean Currents Monitoring Program, which would provide for implementation of high frequency radar along the Central and Northern California coast. The real-time and near-real-time data that the high frequency radar and associated technologies will provide on coastal surface currents will be essential to understanding the dynamics along the Central and Northern California coast. The proposed data products focusing on coastal water quality, oil spill response, navigation safety, and marine resource management will strongly support the missions of many federal, state, regional, and local agencies, as well as research and academic institutions and non-profit foundations.

The mission of MBCORC is to promote the scientific understanding of coastal and marine systems and to facilitate the application of that knowledge for public policy, environmental awareness, and decision-making. MBCORC achieves its objectives by creating, coordinating, promoting, and endorsing research, education, and outreach activities, using the Monterey Bay as a natural laboratory. The members of MBCORC include 26 organizations (http://www.mbcorc.org) around the Monterey Bay involved in ocean research and education.

The goals of your project are well aligned with MBCORC's mission. We are therefore strongly in support of this proposal. We look forward to working with you throughout this worthy endeavor.

Sincerely,

Harcia Marin

Marcia McNutt Chair, MBCORC

7700 Sandholdt Road • Moss Landing CA 95039 • tel: 831-775-1700 • fex: 831-775-1620



UNITED STATES DEPARTMENT OF COMMERCE National Oceanic and Atmospheric Administration

NATIONAL OCEAN SERVICE
OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT
Cordell Bank
National Marine Sanctuary
P.O. Box 159

Olema, CA 94950 Ph: (415) 663-0314 Fax: (415) 663-0315

June 10, 2004

Mr. Paul Morabito Board Chair, California Coastal Conservancy Fax: (510) 286-3840

Re: Coastal Ocean Currents Monitoring Program Support Letter

Dear Mr. Morabito:

I am writing in support of the proposed State Coastal Conservancy funding of the Coastal Ocean Currents Monitoring Program (COCMP). Ocean observing system development is a high priority for the National Oceanic and Atmospheric Administration. The relevance of ocean observing as a critical tool in managing marine resources has recently been described in the U.S. Commission on Ocean Policy Report and Governor Schwarzenegger's June 3, 2004 letter to the Commission in California's response to the

Report. COCMP figured prominently in the Governor's letter and action plan.

COCMP will be the state's foundation in developing an ocean observing system in concert with all the marine resource agencies, such as the National Marine Sanctuaries, of which there are four in California.

We share the view that ocean observing systems, such as COCMP, will help guide the recovery of marine and anadromous fisheries while assisting other areas of concern such as pollution and oil spill detection and response, sediment management, and search and rescue- all issues of joint responsibility between the state and federal government.

Please do not hesitate to contact me if I can be of assistance in the Conservancy's endorsement and support of COCMP.

Sincerely,

Dan Howard, Manager

Cordell Bank National Marine Sanctuary

